

LPC-301 Laser Particle Counter LCD

LPC-301 laser particle counter is used to measure the size and quantity of particles within air of unit volume in clean environment, it can directly measure clean environments from clean class 100,000 to 10. This counter has used semiconductor laser power and big liquid crystal screen, so it is small, light, highly accurate, easing-operating and microprocessor-controlled. It may store and print the measure results, the printed result will show the clean class of that point and the measure of the clean environment is convenient.



Besides, the computer shall be on long-distance control through proprietary software. The product is widely used in electronics, optics, chemistry, food, cosmetic, medical science, biological products, aviation, and so on.



Pick up parts

counter assistant vehicle
characteristics : high accuracy thermal
printer inside, can be transferred to M3small,
light ,easy-operating, convenient
short self-purifying time
with flowmeter itself

Main technical parameter :

Dimensions	245×286×126mm3(width × depth ×height)
weight	4.5kg
Maximum power dissipation	44W
Power supply	alternating current power supply 220V±10%, 50Hz
Particle size passage	0.3、0.5、1、2、3、5 (μm) , show 6 bunches of particles at the same time and directly show particle concentration (unit : grain/m3)
Sampling flow rate	2.83L/min
Measure period	1min、2min、3min、 10min

Self-purifying time	≤10min
print	Thermal printer inside, can be printed into grain/m3
Warning class	100、1000、10000
Usable environmental condition	temperature : 10℃~30℃
	humidity20%~75%
	Atmospheric pressure : 86Pa-106kPa
Maximum sampling concentration permitted	35000 grain/L (the particle size of a particle shall not be over 0.5um) acid ,alkali and such corrosive gas are not permitted in the sampling air.
Continuous work time	8 hours
Light source and life	Semiconductor laser, life is over 30,000 hours
Packing of data	240 groups